

MODIFIED PTO/SB/08 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no person is required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form PTO/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> Date Submitted: July 27, 2004 (use as many sheets as necessary)			<b>Complete If Known</b>		
			Application Number	10/784,300	
Sheet	1	of	3	Filing Date	February 24, 2004
			First Named Inventor	Roy A. BLACK et al.	
			Group Art Unit	Not yet assigned	
			Examiner Name	Not yet assigned	
			Attorney Docket Number	016761-0171	

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
DJS	A1	5,594,106		BLACK, et al.	01/14/1997	
	A2	5,011,912		HOPP, et al.	04/30/1991	
	A3	5,702,935		SACCHETTINI, et al.	12/30/1997	
	A4	5,830,742		BLACK, et al.	11/03/1998	
DJS						

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
DJS	A5	EP	646599A2			04/05/1995		
	A6	WO	95/35367			12/28/1995		
	A7	WO	96/41624			12/27/1996		
	A8	WO	97/15588			05/01/1997		
	A9	EP	2306961A			05/14/1997		
	A10	WO	97/08300			03/06/1997		
	A11	WO	97/35538			10/02/1997		
DJS								

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.			T <sup>6</sup>
DJS	A12	BLACK, et al., <i>Biochemical &amp; Biophysical Research Communications</i> , 225: 400-405, (1996).			
	A13	BLACK, et al., <i>Nature</i> , 385: 729-733 (1997).			
	A14	BODE, et al., <i>FEBS Letters</i> , 331 (1,2): 134-140 (1993).			
	A15	GOMIS-RUTH, et al., <i>The Embo Journal</i> , 12(11) 4151-4157 (1993).			
	A16	GRAMS, et al., <i>Eur. J. Biochem.</i> , 228: 830-841 (1995).			
	A17	KAUFMAN, <i>Methods in Enzymology – Gene Expression Tech.</i> , Vol. 185, CHAP. 42, pp.: 537-566 (1990).			
	A18	LUNN, et al., <i>FEBS Letters</i> , 400: 333-335 (1997).			
DJS	A19	MASKOS, et al., <i>Proc. Natl. Acad. Sci. USA</i> , 95: 3408-3412 (1998).			

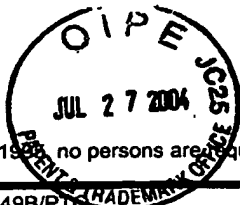
Examiner Signature	/David Steadman/	Date Considered	07/21/2006
--------------------	------------------	-----------------	------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

<sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, PO Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, PO Box 1450, Alexandria, Virginia 22313-1450.



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

MODIFIED PTO/SB/08 (08-00)  
Approved for use through 10/31/2002. OMB 0651-0031  
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449B/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> Date Submitted: July 27, 2004 (use as many sheets as necessary)		<b>Complete if Known</b>	
		Application Number	10/784,300
Sheet	2	of	3
		Filing Date	February 24, 2004
		First Named Inventor	Roy A. BLACK et al.
		Group Art Unit	Not yet assigned
		Examiner Name	Not yet assigned
		Attorney Docket Number	016761-0171

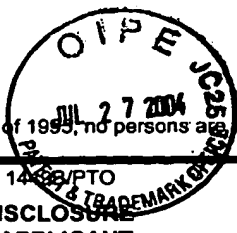
NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>6</sup>
DJS	A20	MOSS, et al., <i>Nature</i> , 385: 733-736 (1997).	
	<del>A21</del>	<del>NICHOLLS, et al., "Grasp. Graphical Representation and Analysis of Surface Properties." (Abstract TU-POS 189).</del>	
DJS	A22	ROOKE, et al., <i>Science</i> , 273, 1996, pp. 1227-1231.	
	A23	SAUDEK, et al., <i>Biochemistry</i> , 30, 1991, pp. 7369-7372.	
	A24	STOCKER, et al., <i>Protein Science</i> , 4, 1995, pp. 823-840.	
	A25	TANG, et al., <i>Biochemistry</i> , 35, 1996, pp. 8216-8225.	
	A26	TANG, et al., <i>Biochemistry</i> , 35, 1996, pp. 8226-8233.	
	A27	WOLFSBERG, et al., <i>Development Biology</i> , 180, 1996, pp. 389-401.	
	A28	BEMELMANS, et al., <i>Critical Review in Immunology</i> , 16, 1996, pp. 1-11.	
	A29	DIMARTINO, et al., <i>Inflammation Research</i> , 46, 1997, pp. 211-215.	
	A30	EVANS, J. <i>Mol. Graphics</i> , 11, 1993, pp. 127-128 and 134-138.	
	A31	GLUZMAN, <i>Cell</i> , 23, 1981, pp. 175-182.	
	A32	GOMIS-RUTH, et al., <i>J. Mol. Biol.</i> , 239, 1994, pp. 513-544.	
	A33	GOMIS-RUTH, et al., <i>Nature</i> , 389, 1997, pp. 77-81.	
	A34	HOPP, et al., <i>Bio/Technology</i> , 6, 1988, pp. 1204-1210.	
	A35	JONES, et al., <i>Nature</i> , 338, 1989, pp. 225-228.	
	A36	LUCKOW, et al., <i>Bio/Technology</i> , 6, 1988, pp. 47-55.	
DJS	A37	ZHANG, et al., <i>Proc. Natl. Acad. Sci. USA</i> , 91, 1994, pp. 8447-8451.	

Examiner Signature	/David Steadman/	Date Considered	07/21/2006
--------------------	------------------	-----------------	------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 18 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, PO Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, PO Box 1450, Alexandria, Virginia 22313-1450.



MODIFIED PTO/SB/08 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449 PTO  
**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

Date Submitted: July 27, 2004

(use as many sheets as necessary)

**Complete if Known**

Application Number	10/784,300
Filing Date	February 24, 2004
First Named Inventor	Roy A. BLACK et al.
Group Art Unit	Not yet assigned
Examiner Name	Not yet assigned
Attorney Docket Number	016761-0171

Sheet 3 of 3

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>6</sup>
	A38	<del>Protein Engineering, Alan R. Lico, Inc., New York.</del>	
DJS	A39	CIRILLI, et al., FEBS Letters, 418, 1997, pp. 319-322.	
	A40	DECICCO, et al., Abstracts of Papers American Chemical Society, 1997, pp. MEDI 96, Vol. 214, No. 1-2.	
	A41	GOMIS-RUTH, et al., Protein Science, 7, 1998, pp. 283-292.	
	A42	RUTENBER, et al., Structure of a non-peptide inhibitor cocomplexed with HIV-1 protease. Journal of Biological Chemistry, 1993, Vol. 268(21), pp. 15343-15346.	
DJS	A43	GILLILAND, et al., "Crystallization of biological macromolecules for X-ray diffraction studies" Current Opinion in Structural Biology, Vol. 6, 1996, pp. 595-603.	

Examiner  
Signature

/David Steadman/

Date  
Considered

07/21/2006

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

<sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, PO Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, PO Box 1450, Alexandria, Virginia 22313-1450.